



ÓΔΔÁΔΔÉÚÍÀ ÑÉÓÆÁÁ
ÍÍ ËÍÓÆÉÄÉÓÓÄÉÚÍÉ ÑÍÁÑÓÄÄÍÍÑÖÈ, ÍÀÓÄÍÒÄ
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(12) **TIÈÑÀÍÈÀ ÈÇÎÁÐAÒAÍÈß Õ ÌÀÒAÍÒÓ**

(21), (22) Çà âêâ: 2002119156/14, 04.07.2002

(24) Äàðà Ìà+àëà ãâéñòâè Ìàðåíòà: 04.07.2002

(43) Äàðà Ìóáëëåäöè çà âêè: 20.01.2004

(45) Ìíóáëëåäàíí: 10.07.2005 Áþ. 19

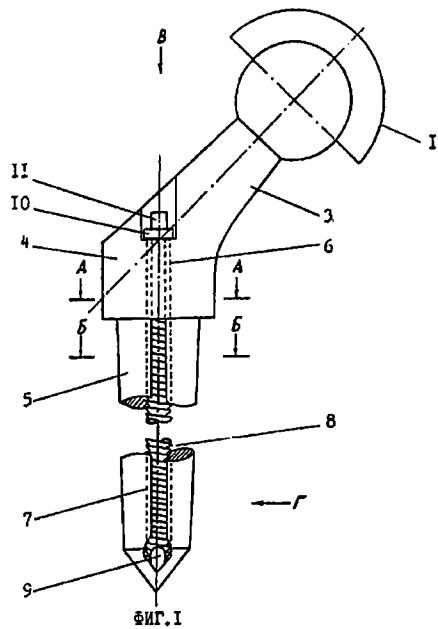
(56) Ñíèññíå äëéóíàíòâ, öèðèñòâííóò ã ìò+âðà 1
íèññâ: RU 2089136 C1, 10.09.1997. RU 2086210
C1, 10.08.1997. SU 1602496 Å, 30.10.1990. US
5653764 Å, 05.08.1997.

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R U 2 2 5 5 7 1 1 C 2

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RUSSIAN FEDERATION

(19) RU (11) 2 255 711 (13) C2
(51) Int. Cl. 7 A 61 F 2/32



FEDERAL SERVICE
FOR INTELLECTUAL PROPERTY,
PATENTS AND TRADEMARKS

(12) ABSTRACT OF INVENTION

(21), (22) Application: 2002119156/14, 04.07.2002

(24) Effective date for property rights: 04.07.2002

(43) Application published: 20.01.2004

(45) Date of publication: 10.07.2005 Bull. 19

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(54) HIP JOINT ENDOPROSTHESIS

(57) Abstract:

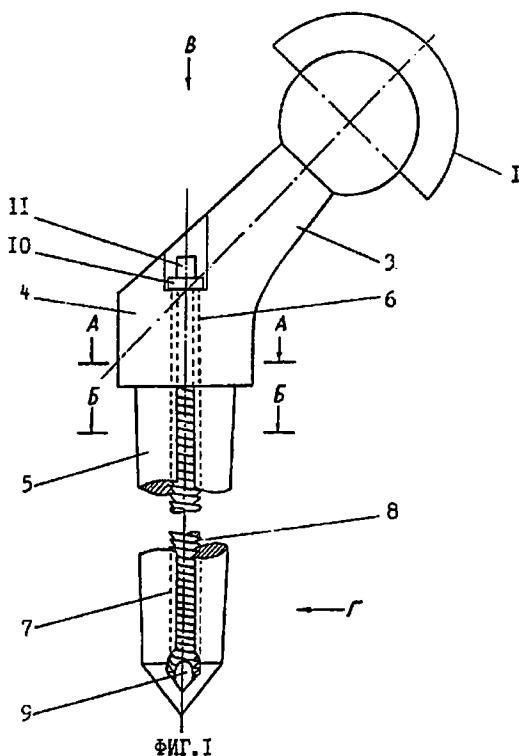
FIELD: medical engineering.

SUBSTANCE: device has pelvic member, head, neck, pedicle having upper cylindrical part having threaded canals and lower conic narrowing part having grooves the threaded turn into, and rods placed in the canals and grooves and having faceted heads and flanges. Each canal and matching groove have common axis arranged in parallel to surface generatrix of conical portion of the pedicle. The axes of the canals and grooves are convergent in distal direction. Rigid rods threaded all along with buttress thread responding to canal thread are mounted in the grooves in a way that rod thread protrudes above conical pedicle portion surface. Tap slits are available in rod ends.

EFFECT: high stability of endoprosthesis pedicle.

5 dwg

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Èçíáðåòåíèå ìòíññèòñ ê íáéæàñòè íåäéèöéíû, êííéðåòíí - ê òðàåàíàðòíéíäéè-íðòííåäéè, è èñíííéüçóåðñ äé íðòåçèðíàáíè äåñòðóèòèðíàáííûô â ðåçóéüòàòå òðàåàí èéè íàòíéíäé+åñéèò íðòåðñííà òàçíáåäðåííûô ñóñòååíà.

lăealăeaåå áéèçêèì ïi ñăiåiò ðåðíé+åñéïiò ðåðåíéþ e çà åé åíiò iáúåéòò åé åðñ yíäiiðiòåç ðåçïååäðåíiïiñi ñóñòååå [3]. Óñòðíéñòåí ñiååðæèò ðåñøèðåíiþp å iðíñéèìæüiñi iòååéå iíæéò ñ iñåñéiñiåðòè+ñi ðåçïååñåíiñiùè å iéò ñòåðæí ié. Ñòåðæèè å iðíñéèìæüiñi iòååéå iñiåùåíu ðåçüåíé è ðåñiñéååäþpñi å ðåçüååñu ëåíåéåò ðåñøèðåíiþ+ +æñòè iíæéè, å ñòååíéå è åéñòåèüiñu å èò iòååéü ðåñiñéååäþpñi å åéååéèñòåíiñu åéåéååò, iòééiñi þùèðñi iò iñè iíæéè. ïáåééí yéåñòè+ +iñòðu ñòåðæíåé iå iååñiå+éåååò ñiçääíé åññòåðòi+ñié ñòååéèüiñòe iíæéè å éñòòiþé òéåíè, å iåðiåå çåòi+éå èò iñiñòiå iíæåò iññéòåéèòu iðè+éiñié iåååéååðåéüiñié iåðòiðåöèe iñðòèååéüiñiñi ñëi iññòè e iñåðååæååíè iñðóåéæåþpñeò i åéèò ðéååíåé.

25 Ñòùññòù èçîáðåòàíè çàéëþ+àåòñ â ñíáîéóíññòè ïðèçáâéïâ, äññòåðò+íñð äé äññòðæåíè èñéññäí òåðñè+åññéäí ðåçöéüòåòà, à èíññí: ñâññðåíè ñòåññéüíñòè ñíæéé ýíññðòåçà â èññòñíè ðéàíè è ïðñðéëåéðòèéé ññéíæíåíéé â åéäå íñðòðåðòèé èñðòèéåéüññäí ñíññí èññòè.

45 Åññòóíàéà ðåçüáû ñòåðæíåé íà ííéíóþ íèòéó íää ííååðöíñòóþ ëííè+åññéé +àñòè ííæéè íáåññå+èåàåò ñòåáéëüíñòü åå çàöåíéåíè ñ åíóòðåíåé ííååðöíñòóþ êíðòèéëüíñäí ñëí áåäðåííé êíñòé.

Íaëè+ëà óíðííé ðåçüáú íà ñòðåäí õ è á êáíáëàð íáåñíå+ëåååò íëíðíüé êíñòåéð ðéëëíäðè+åññéí+æñòè ñ íæééè ñ íëèòí áåååðåííé êíñòðé.

Ýáññòðòåç ïðåññòðåâéáí íà +åðòðåæàõ (òéä.1-5). Íà ôéä.1 ïíèàçáí íáùèé áèä ñòðòðíéñòåà ñ +àñòè+íùí áûðòûâíí ñòðåäíäí ìòäåéà êíè+åñéíé +àñòè ïíæéè. Íà ôéä.2-5 ïíèàçàíú ñå+åíè è áèäú, íáíçá+åííúå ñòðåâòðòñòðåòþùèè ëèðåðòàíè íà ôéä.1.

Ýläntölädäç niihäädäæèò ðäçkäüne ëiñiñiäò 1, aëiñiñiäò 2, ñäééò 3, iñäéò, niiñiò ñóp èç ääðöñiäé ðäññøèðäññií öëeëéiñäðè+äññié +aññòè 4 è ièæñiäé, ëiñi+äññiè niiñäéèåàþùñäéñ +aññòè 5. Å ääðöñiäé

20 Þáðiò lîññééí ñóðéààþò. Áàéüñáéðáå áåðááééå áíéüñíáí ðééíé+íí áéé íåðáåññðéó Þíåðàöéþ
yíáññðóåçéðíåáíé òàçíáåáðáíñíáí ñóñðóàåáà.
Èñðòí+íééé èíóñðíàöéé
1. Íàðåíò 11438765, Á 61 F 2/32; ÁÈ 143, 1988.
2. Íàðåíò 2066153, Á 61 F 2/32; ÁÈ 125, 1996.
3. Íàðåíò 12088136, Á 61 F 2/32; ÁÈ 125, 1997.

25 Óîðìóëà èçíáðåòåíè
Ýíäññòåç òàçíáåäåðåííäî ñóñòåâà, ñíåðæðæàùéé òàçíáûé êíññíåíò, åíëíåêó, øåéêó, ñíæêó ñ
ååððíåé ñèéèíåðè+åññíé +àññöþ, èíåþùåé ðåçüåñåùå èåíåéû, è ñ íèæíåé êíñè+åññíè
ñóåæååþùåéñ -àññöþ, èíåþùåé æåéíåà, å êíñòðñå ëåðåðíïå ò ðåçüåñåùå èåíåéû, è ðåçíåñåííùå å
èåíåéå è ååéíåàå ñòåðæíè, ñíñåùåííùå åðåíåíùè åíëíåéèåìè è åóðòéèåìè, ìòëè+åþùèéñ òåì, +òì
30 èåæäåûé èåíåé ñ ñíñòåðåòñòåðóþùè åíò ååéíåíì èíåþþò íåñóþ ñíñ, ðåññíèåéåñíóþ ëåðåééåéüñíí
íåðåçóþùèì ñíåðåðññòè êíñè+åññíé +àññòè ñíæêè, ñíñ èåíåéèåí è ååéíåíå êíñåðòéðóþò
å åèññòåéüñíí íåñòååéåíè, åññíèíåííùå ååññòéèåìè ñòåðæíè, ñíñåùåííùå íà åñåì íðò ååéíè öíñðñíé
35 ðåçüåíè, ñíåðåòííé ðåçüåáå èåíåéíå, óñòåííåéåííùå å ååéíåàåò òåèèì íåðåçí, +òì íåà ñíåðåðññòþ
êíñè+åññíé +àññòè ñíæêè åññòóíàå ðåçüåáå ñòåðæíåé, å å êíñòååññò ñòååéèåò ñòåðæíåé åññíèíåíù
íåò+èéñåùå ñíèéòþ

